

“Internet” Layers

▶ L7 - Application

▶ L6 - Presentation

▶ L5 - Session

▶ L4 - Transport

▶ L3 - Network

▶ L2 - Link

▶ L1 - Physical

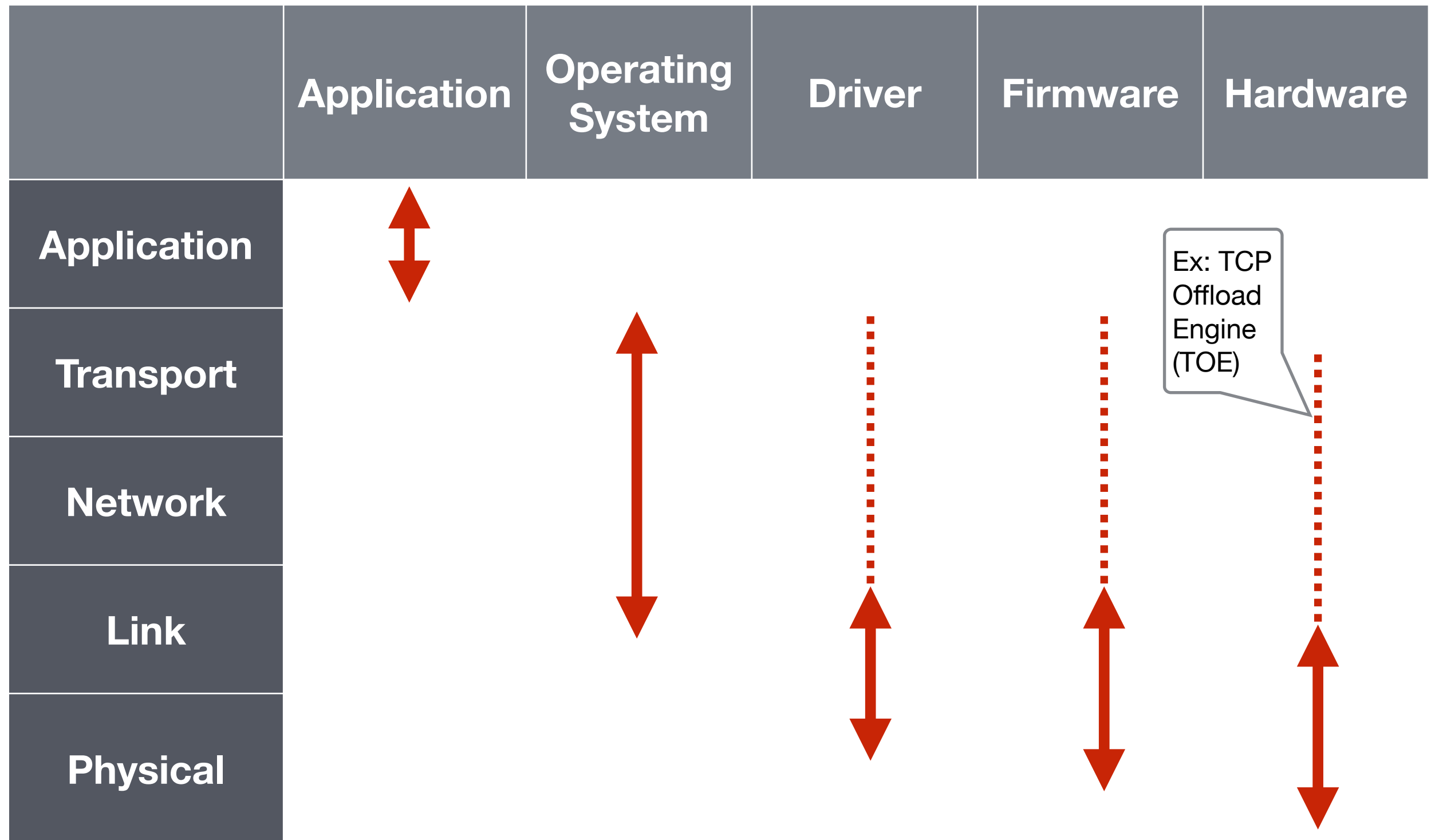
▶ L7 - Application

▶ L4 - Transport

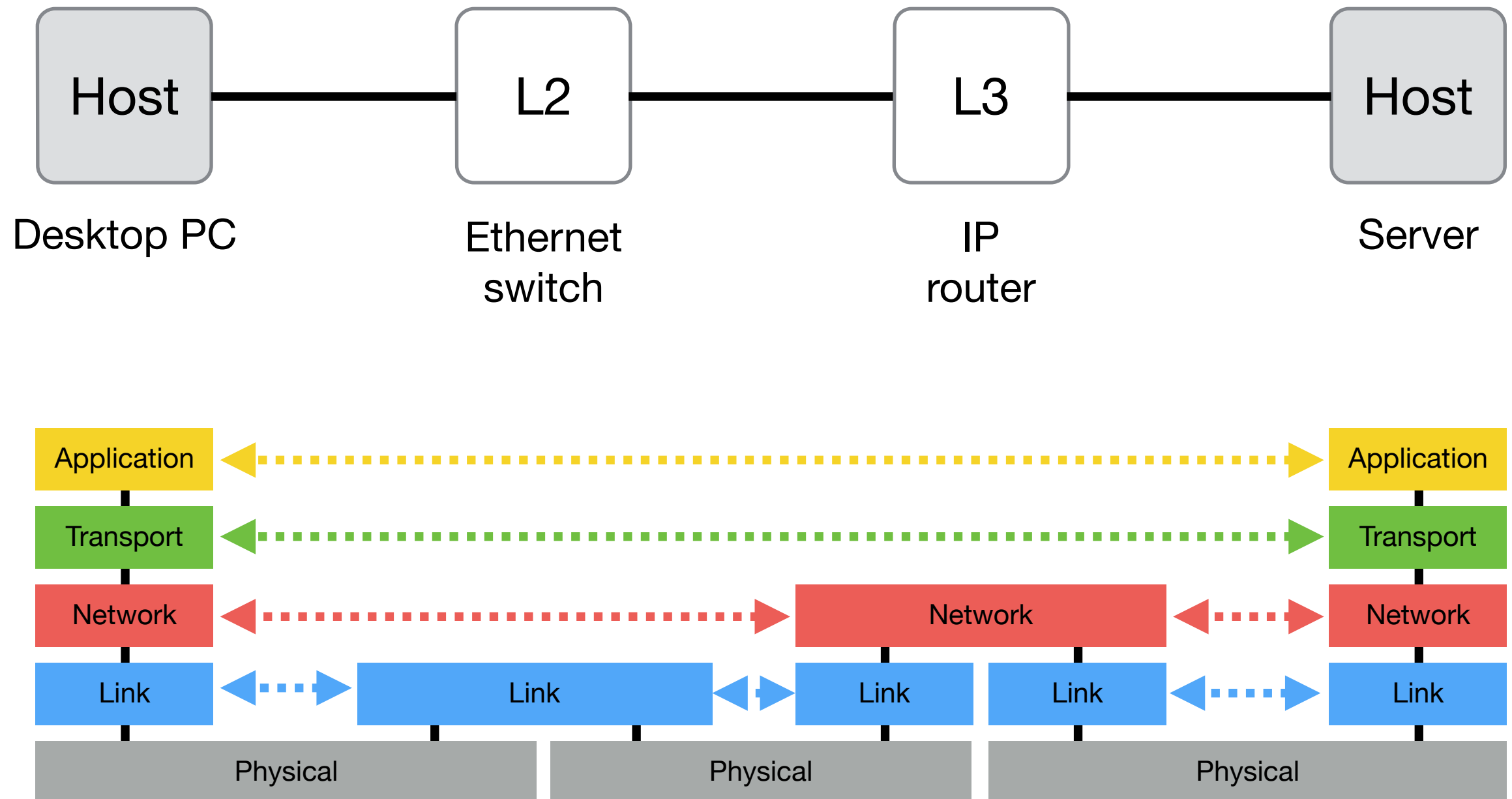
▶ L3 - Network

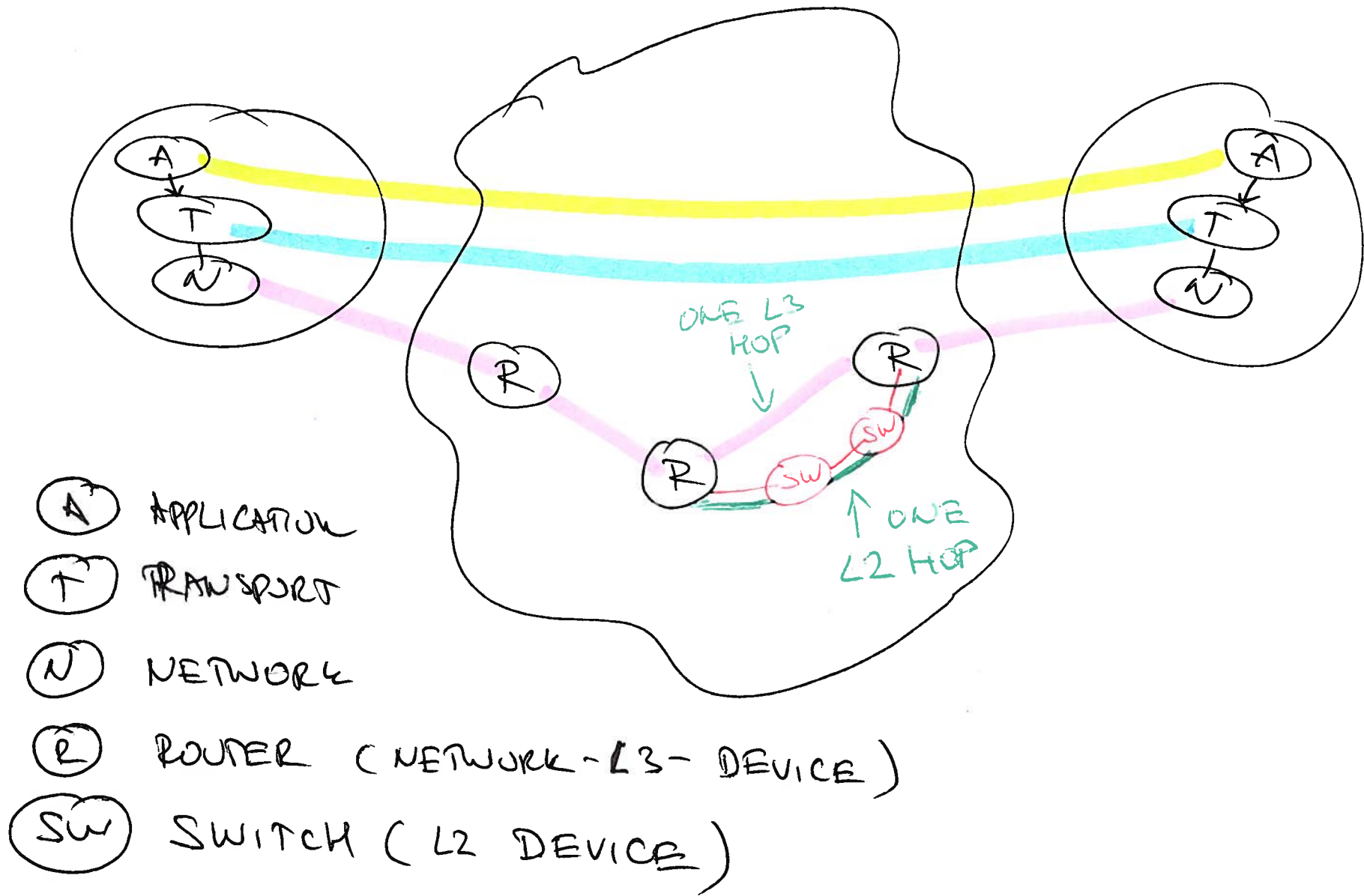
▶ L1 & L2 - Link &
Physical

Layer Implementations



Layers - Example



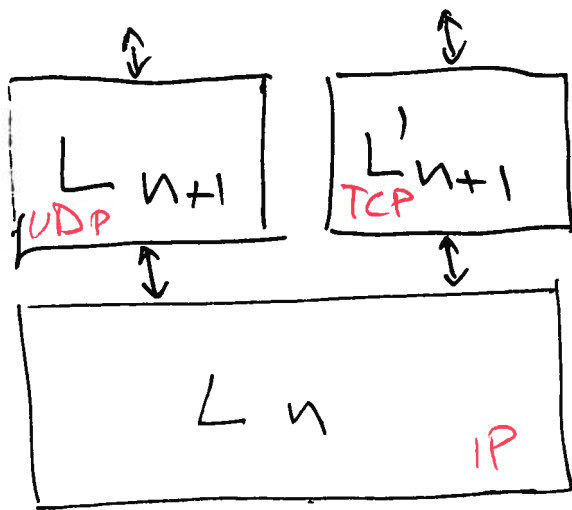


Functions of a Layer

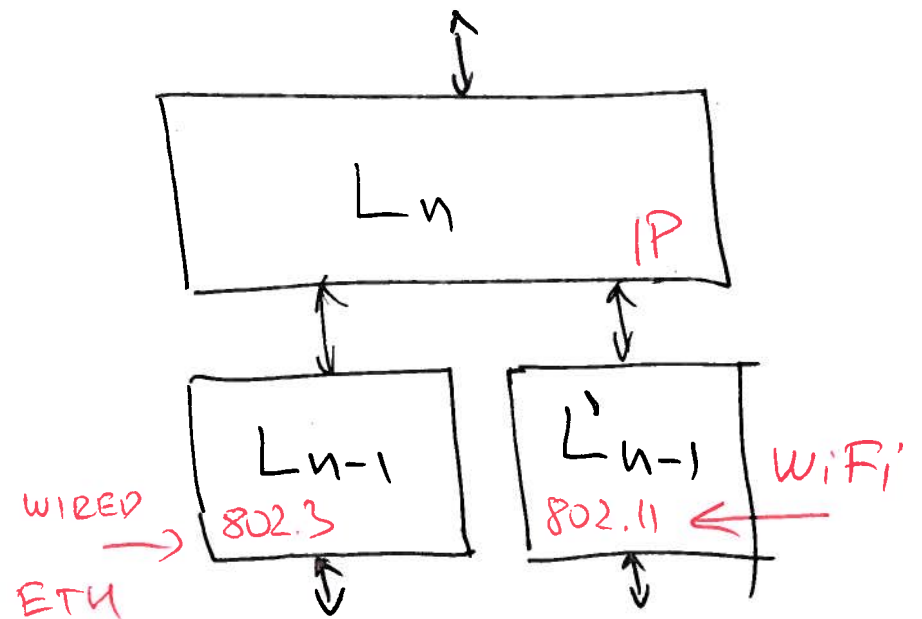
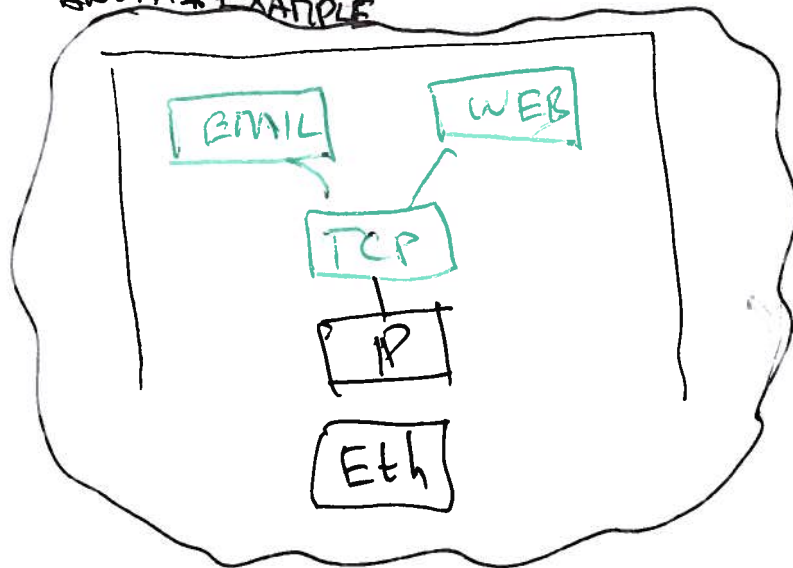
- ▶ Addressing
- ▶ Error Control
 - error detection
 - error correction
- ▶ Flow control (traffic management, congestion control)
- ▶ Quality of Service

Examples

Service	Connection-oriented	Connectionless
Unreliable	media stream	UDP
Reliable	TCP	reliable messaging



ANOTHER EXAMPLE



INTERNET HOUR GLASS

